Figure 1

Target Validation Using ZFP Technology
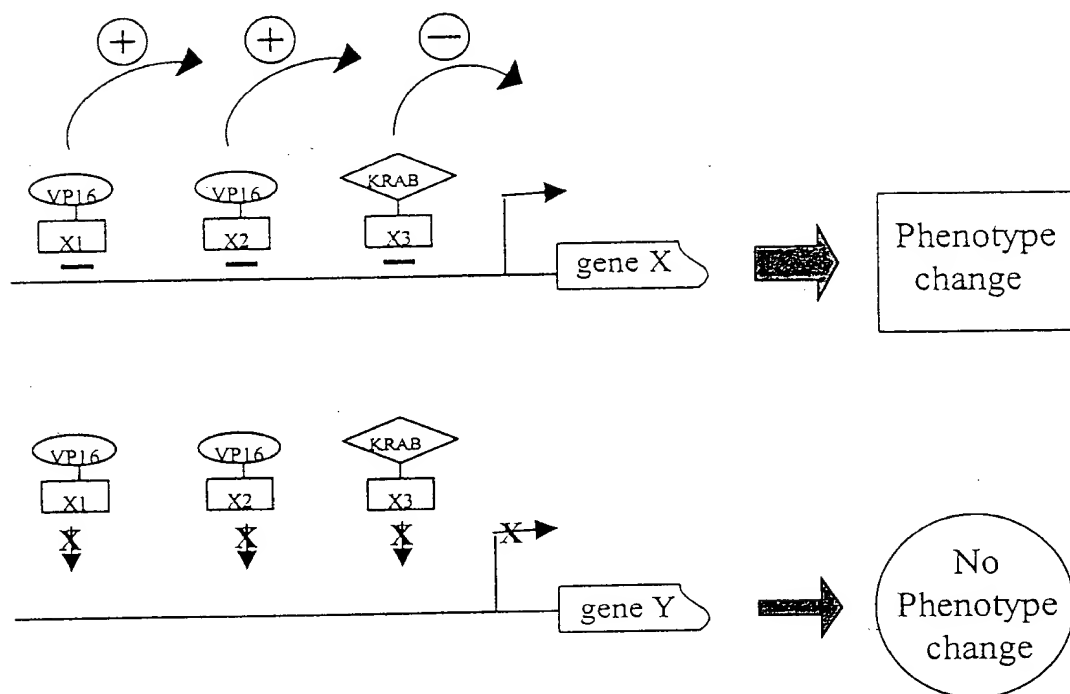
Figure 2

ZFP Expression Constructs and Control Constructs

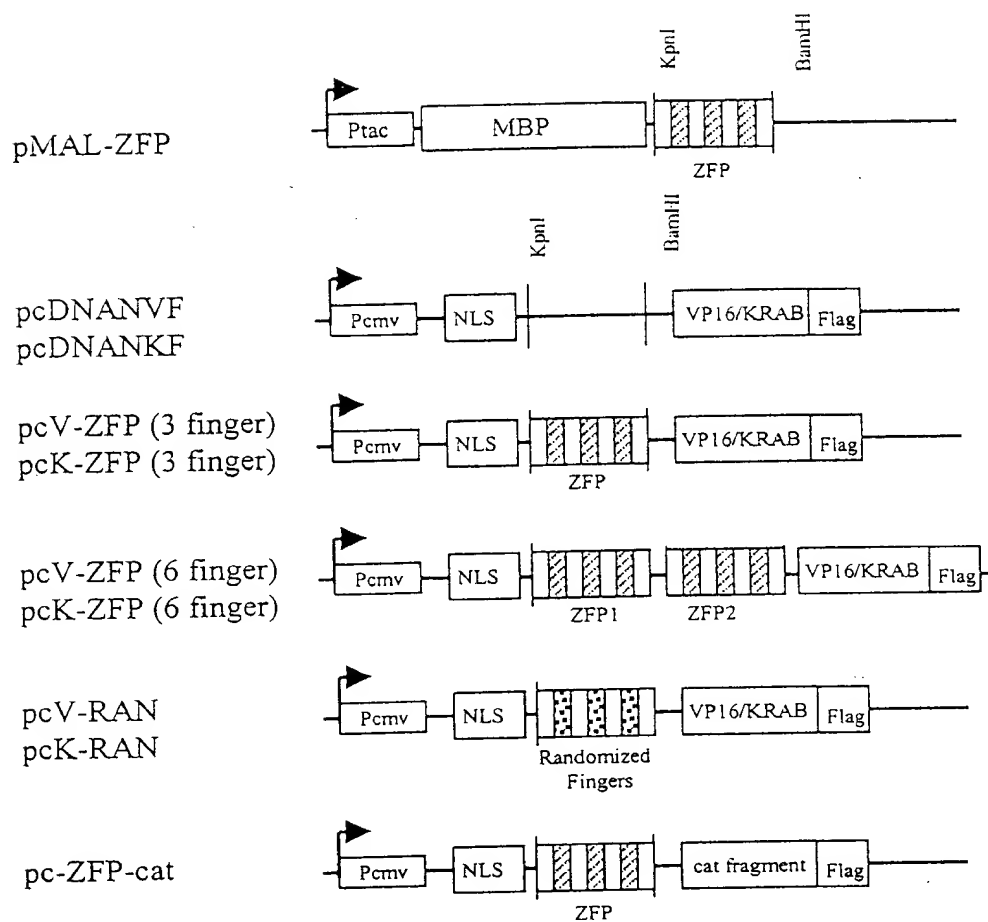pMAL-ZFP

pcDNANVF
pcDNANKF

pcV-ZFP (3 finger)
pcK-ZFP (3 finger)

pcV-ZFP (6 finger)
pcK-ZFP (6 finger)

pcV-RAN
pcK-RAN

pc-ZFP-cat

Figure 3

Luciferase Reporter Constructs

pGLP Reporter

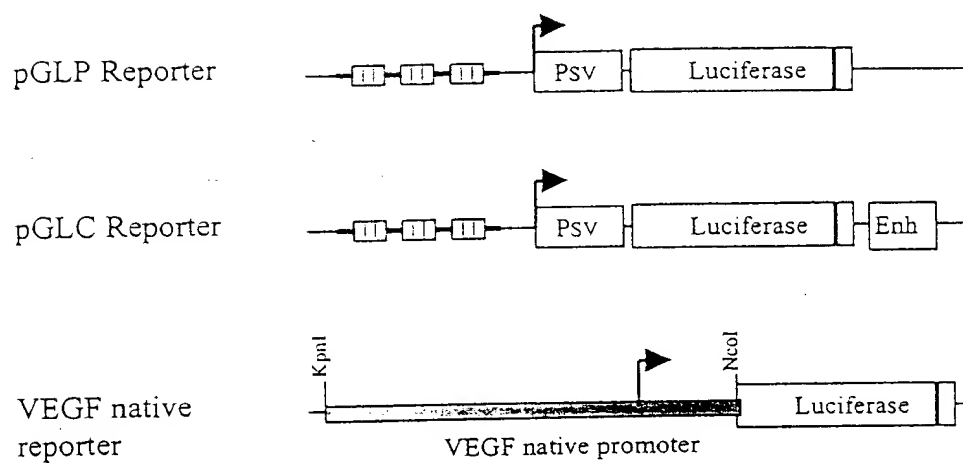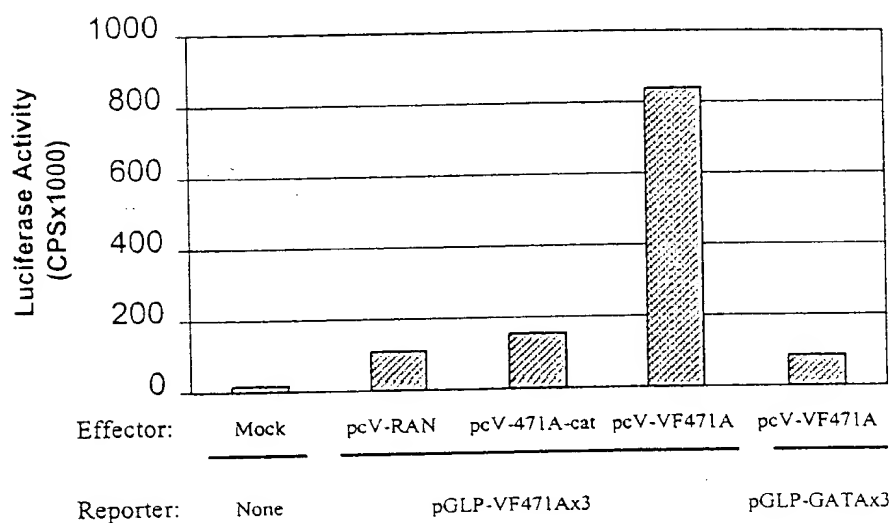pGLC Reporter

VEGF native reporter

VEGF native promoter

Figure 4

Effect of VEGF 471A ZFP on Luciferase
Reporter Gene Activation

50 ng Effector v.s. 900 ng Reporter

Figure 5

Activation of Human VEGF Native Reporter Gene by ZFPs in 293 cells

Effector: pcV-RAN   pcV-M6-111S   pcV-MS-20009A

100 ng Effector v.s. 900 ng pGLPVFH Reporter